

DPX[®] Diagnostics

Standard and
Customized Test SDK



Features

- Standard Test Routines for DPX[®] Series gaming hardware
- Source code examples
- Customizable for individual needs
- Diagnostics and maintenance for slot machines
- Simple installation

Introduction

DPX[®] Diagnostics is a product validation and verification tool, developed to help address three fundamental verification needs:

Software product release verification: discover any errors or omissions in release software

Hardware product verification and validation: establish that new designs function as intended

Production-level testing: ensure that all production hardware is verified for quality

Software Architecture

Plugin-oriented software architecture allows users to supply custom test software and user-interfaces to complement Advantech-Innocore offerings and tailor software to individual needs.

A variety of fully documented test modules cover many common test requirements. Tests can easily be customized to change the level of test coverage.

Custom test runs can easily be created to cater for a wide range of verification programs.

Facilities for logging test results complement configurable testing capabilities.

Users can implement their own tests in C, C++ or as Perl or Bourne-shell scripts using a fully documented and version-controlled API.

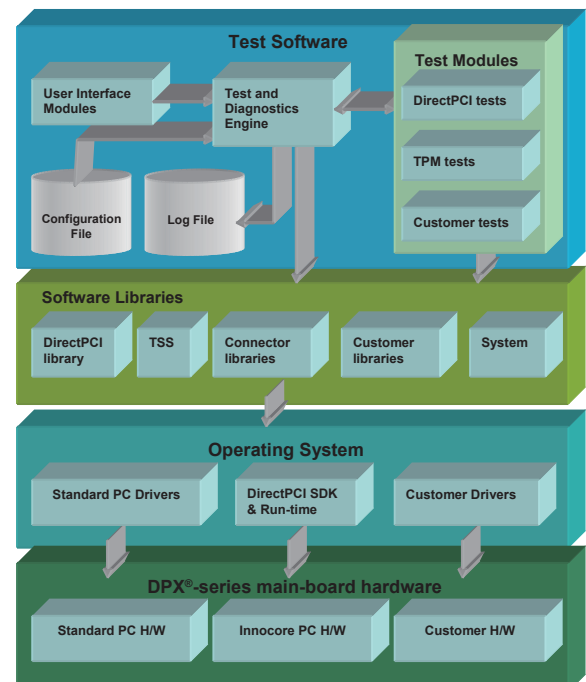
Package Contents

The package features the following:

- DPX[®] Test user interface program (Linux only)
- Test_cli program (Windows[®] & Linux)
- Libraries and header files for developers
- Sample source code for user-defined tests
- Sample source code for user-defined user-interface
- Detailed manual describing installation, all APIs and functions, tests, files and utilities.

Test modules included:

- DirectPCI SRAM
- DirectPCI ROM
- DirectPCI EEPROM
- DirectPCI Intrusion Detection and Logging Processor (IDLP PIC)
- DirectPCI Digital I/O
- TPM
- File I/O
- LAN
- RS232/RS485/CCtalk communications
- RTC/NVRAM (Linux only)



Specifications subject to change. E&OE. Copyright c 2011 Advantech-Innocore Gaming Ltd. All rights reserved. Advantech-Innocore, the Advantech-Innocore Logo, DPX, ConnectBus are trademarks of Advantech-Innocore Gaming Ltd in the UK, US and other countries.